

PERMANENT WELL PLUGGING REQUIREMENTS—Continued

| If you have . . . | Then you must use . . . |
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| | <p>(C) A cement plug at least 200 feet in length, set by the displacement method, with the bottom of the plug no more than 100 feet above the perforated interval;</p> <p>(D) A through-tubing basket plug set no more than 100 feet above the perforated interval with at least 50 feet of cement on top of the basket plug; or</p> <p>(E) A tubing plug set no more than 100 feet above the perforated interval topped with a sufficient volume of cement so as to extend at least 100 feet above the uppermost packer in the wellbore and at least 300 feet of cement in the casing annulus immediately above the packer.</p> |
| (4) A casing stub where the stub end is within the casing, | <p>(i) A cement plug set at least 100 feet above and below the stub end;</p> <p>(ii) A cement retainer or bridge plug set at least 50 to 100 feet above the stub end with at least 50 feet of cement on top of the retainer or bridge plug; or</p> <p>(iii) A cement plug at least 200 feet long with the bottom of the plug set no more than 100 feet above the stub end.</p> |
| (5) A casing stub where the stub end is below the casing, | A plug as specified in paragraph (a)(1) or (a)(2) of this section, as applicable. |
| (6) An annular space that communicates with open hole and extends to the mud line, | A cement plug at least 200 feet long set in the annular space. For a well completed above the ocean surface, you must pressure test each casing annulus to verify isolation. |
| (7) A subsea well with unsealed annulus, | A cutter to sever the casing, and you must set a stub plug as specified in paragraphs (a)(4) and (a)(5) of this section. |
| (8) A well with casing, | A cement surface plug at least 150 feet long set in the smallest casing that extends to the mud line with the top of the plug no more than 150 feet below the mud line. |
| (9) Fluid left in the hole, | A fluid in the intervals between the plugs that is dense enough to exert a hydrostatic pressure that is greater than the formation pressures in the intervals. |
| (10) Permafrost areas, | <p>(i) A fluid to be left in the hole that has a freezing point below the temperature of the permafrost, and a treatment to inhibit corrosion; and</p> <p>(ii) Cement plugs designed to set before freezing and have a low heat of hydration.</p> |

(b) You must test the first plug below the surface plug and all plugs in lost circulation areas that are in open hole. The plug must pass one of the following tests to verify plug integrity:

- (1) A pipe weight of at least 15,000 pounds on the plug; or
- (2) A pump pressure of at least 1,000 pounds per square inch. Ensure that the pressure does not drop more than 10 percent in 15 minutes. The District Manager may require you to tests other plug(s).

§ 250.1716 To what depth must I remove wellheads and casings?

- (a) Unless the District Manager approves an alternate depth under paragraph (b) of this section, you must remove all wellheads and casings to at least 15 feet below the mud line.
- (b) The District Manager may approve an alternate removal depth if:
 - (1) The wellhead or casing would not become an obstruction to other users of the seafloor or area, and geotechnical and other information you provide demonstrate that erosional

processes capable of exposing the obstructions are not expected; or

- (2) You determine, and BSEE concurs, that you must use divers, and the seafloor sediment stability poses safety concerns; or
- (3) The water depth is greater than 800 meters (2,624 feet).

§ 250.1717 After I permanently plug a well, what information must I submit?

Within 30 days after you permanently plug a well, you must submit form BSEE-0124, Application for Permit to Modify (subsequent report), to the appropriate District Manager, and include the following information:

- (a) Information included in § 250.1712 with a final well schematic;
- (b) Description of the plugging work;
- (c) Nature and quantities of material used in the plugs; and
- (d) If you cut and pulled any casing string, the following information:
 - (1) A description of the methods used (including information on explosives, if used);